Gombined Decl tion and Power of Attorney for Pate Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS, the specification of which is filed herewith unless the following box is checked:

l×I	was filed on May 10, 1999;				
	as United States A	pplication Number <u>09/306,349</u>	; and		
	was amended on _	(if applicable).			
I hereb	y state that I have re	viewed and understand the conte	ents of the above identified specification, in	cluding the cla	ims, as
amend	ed by any amendmen	nt referred to above.			
			•		
I ackno	owledge the duty to o	lisclose information that is mate	rial to patentability as defined in 37 C.F.R.	§ 1.56.	
	• • •	▼	19(a)-(d) or § 365(b) of any foreign applica	_	
		• •	application, which designated at least one co		
	•	•	ign application for patent or inventor's certi	ficate, or PCT	international
applica	ation having a filing	date before that of the applicatio	n on which priority is claimed.		-
				.	<i>C</i> 7 · 1
Prior I	foreign Application(S)		Priority	Claimed
The party of the p				☐ Yes	□No
	Foreign Application(☐ i es	1 100
£Ã nnii	cation No.)	(Country)	(Day/Month/Year Filed)		
∰. Æxbbπ	cation No.)	(Country)	(Day/Monds 1 car 1 ned)		
				☐ Yes	□ No
to prility gain to the company and print of the company and print of the company and print of the company and				_ 103	
≆———	cation No.)	(Country)	(Day/Month/Year Filed)		
		•	•		
L herel	ov claim the benefit i	inder 35 U.S.C. § 119(e) of any	United States provisional application(s) list	ed below.	
	, , , , , , , , , , , , , , , , , , , ,		The state of the s		
After the control of					

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Jeffrey I. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Bell, Reg. No. 39,604
Mark R. Buscher, Reg. No. 35,006
Celine T. Callahan, Reg. No. 34,301
Cono A. Carrano, Reg. No. 39,623
Joseph V. Colaianni, Reg. No. 39,948
James F. Davis, Reg. No. 21,072
Thomas M. Dunham, Reg. No. 39,965
Joel M. Freed, Reg. No. 25,101
Vernon Randall Gard, Reg. No. 33,886
Alan M. Grimaldi, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 36,540
Albert P. Halluin, Reg. No. 25,227
Leslie L. Jacobs, Jr., Reg. No. 40,659

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavelle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
Erik B. Milch, Reg. No. 42,887
Anthony D. Miller, Reg. No. 34,394
Karen L. Nicastro, Reg. No. 35,968
Bradley J. Olson, Reg. No. 40,750
Andrew Y. Piatnicia, Reg. No. 40,772
Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
Timothy L. Scott, Reg. No. 37,931
Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
Michael J. Songer, Reg. No. 39,841

Send Correspondence to:

Larry M. Lavin, Jr.

Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inve	entor Joseph R. Byrum				
Inventor's signature		Date			
Residence	Des Moines, Iowa USA				
Citizenship	USA				
Post Office Address	4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266				
Full name of second invento	or Thomas J. La Rosa				
Full name of second inventor Second inventor's signature		Date			
Residence	Maryland Heights, Missouri USA				
Citizenship	USA				
Post Office Address	2032 Lakepoint Dr., Apt. C, Maryland Heights, Missouri 63043				
words					
Full name of third inventor Gregory R. Heck					
Third inventor's signature	Lugary R. Here	Date 7.20.99			
Residence	Crystal Lake Park, Missouri USA				
Citizenship	USA				
Post Office Address	2200 Divot Dr. Crystal Lake Park, Missouri 63131	· · · · · · · · · · · · · · · · · · ·			

Combined Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS</u>, the specification of which is filed herewith unless the following box is checked:

as United States	ay 10, 1999; s Application Number 09/306,349; n (if applicable).	and .		
I hereby state that I have amended by any amendn		ents of the above identified specification, inc	luding the cla	ims, as
I acknowledge the duty t	o disclose information that is mater	rial to patentability as defined in 37 C.F.R. §	1.56.	
inventor's certificate, or States listed below, and lapplication having a filing	§ 365(a) of any PCT international a have also identified below any foreing date before that of the application	19(a)-(d) or § 365(b) of any foreign application, which designated at least one coign application for patent or inventor's certiful on which priority is claimed.	untry other th icate, or PCT	
Prior Foreign Applicatio	n(s)		Filority	Claimed
A Particular Company C			☐ Yes	□ No
(Application No.)	(Country)	(Day/Month/Year Filed)	☐ Yes	□ No
	(Country)	(Day/Month/Year Filed)	☐ Yes — Yes	□ No
	(Country)	(Day/Month/Year Filed) (Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Jeffrey I. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Bell, Reg. No. 39,604
Mark R. Buscher, Reg. No. 35,006
Celine T. Callahan, Reg. No. 34,301
Cono A. Carrano, Reg. No. 39,623
Joseph V. Colaianni, Reg. No. 39,948
James F. Davis, Reg. No. 21,072
Thomas M. Dunham, Reg. No. 39,965
Joel M. Freed, Reg. No. 25,101
Vernon Randall Gard, Reg. No. 33,886
Alan M. Grimaldi, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 25,227
Leslie L. Jacobs, Jr., Reg. No. 40,659

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavelle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
Erik B. Milch, Reg. No. 42,887
Anthony D. Miller, Reg. No. 34,394
Karen L. Nicastro, Reg. No. 35,968
Bradley J. Olson, Reg. No. 40,750
Andrew Y. Piatnicia, Reg.No. 40,772
Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
Timothy L. Scott, Reg. No. 37,931
Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
Michael J. Songer, Reg. No. 39,841

Send Correspondence to:

Larry M. Lavin, Jr.

Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Joseph R. Byrum				
Inventor's signature	Date			
Residence Des Moines, Iowa USA				
Citizenship USA				
Post Office Address 4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266				
Simpler, Simple	-			
Full name of second inventor Thomas J. La Rosa				
Second inventor's signature thems of Life	Date 7/19/99			
Residence Maryland Heights, Missouri USA				
Citizenship USA				
Post Office Address 2032 Lakepoint Dr., Apt. C, Maryland Heights, Missouri 63043				
To the state of th				
Full name of third inventor Gregory R. Heck				
Third inventor's signature	Date			
Residence Crystal Lake Park, Missouri USA				
Citizenship USA				
Post Office Address 2200 Divot Dr. Crystal Lake Park, Missouri 63131				

Combined Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS</u>, the specification of which is filed herewith unless the following box is checked:

X	was filed on May 1	<u>0, 1999 ;</u>			
	as United States Ap	olication Number 09/306,349; and			
		(if applicable).			
	by state that I have revi led by any amendment	ewed and understand the contents of the referred to above.	e above identified specification, inclu-	ding the	claims, as
I ackno	owledge the duty to dis	sclose information that is material to par	tentability as defined in 37 C.F.R. § 1	.56.	_
invent United	or's certificate, or § 36 I States listed below, a	y benefits under 35 U.S.C. § 119(a)-(d) 5(a) of any PCT international application of the also identified below any foreiging a filing date before that of the applications.	on, which designated at least one cour in application for patent or inventor's	ntry other	than the
Prior F	Foreign Application(s)			Priority	Claimed
antimode and an antimode and and an antimode				☐ Yes	□ No
(Appli	cation No.)	(Country)	(Day/Month/Year Filed)	-	
American The control of the control				☐ Yes	□ No
waren	ication No.)	(Country)	(Day/Month/Year Filed)	-	
I herel	by claim the benefit un	der 35 U.S.C. § 119(e) of any United St	tates provisional application(s) listed	below.	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Jeffrey I. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Bell, Reg. No. 39,604
Mark R. Buscher, Reg. No. 35,006
Celine T. Callahan, Reg. No. 34,301
Cono A. Carrano, Reg. No. 39,623
Joseph V. Colaianni, Reg. No. 39,948
James F. Davis, Reg. No. 21,072
Thomas M. Dunham, Reg. No. 39,965
Joel M. Freed, Reg. No. 25,101
Vernon Randall Gard, Reg. No. 33,886
Alan M. Grimaldi, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 36,540
Albert P. Halluin, Reg. No. 25,227
Leslie L. Jacobs, Jr., Reg. No. 40,659

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavelle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
Erik B. Milch, Reg. No. 42,887
Anthony D. Miller, Reg. No. 34,394
Karen L. Nicastro, Reg. No. 35,968
Bradley J. Olson, Reg. No. 40,750
Andrew Y. Piatnicia, Reg. No. 40,772
Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
Timothy L. Scott, Reg. No. 37,931
Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
Michael J. Songer, Reg. No. 39,841

Send Correspondence to:

Larry M. Lavin, Jr.

Monsanto Company

700 Chesterfield Parkway North, BB4F

St. Louis, Missouri

Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Joseph R. Byrum	
Inventor's signature Joseph R By	Date 7/21/99
Residence Des Moines, Iowa USA	~
Residence Des Moines, Iowa USA Citizenship USA	
Post Office Address 4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266	
Total Control	
Full name of second inventor Thomas J. La Rosa	
Second inventor's signature	Date
Residence Maryland Heights, Missouri USA	
Citizenship USA	
Post Office Address 2032 Lakepoint Dr., Apt. C, Maryland Heights, Missouri 63043	
Full name of third inventor Gregory R. Heck	
Third inventor's signature	Date
Residence Crystal Lake Park, Missouri USA	
Citizenship USA	
Post Office Address 2200 Divot Dr. Crystal Lake Park, Missouri 63131	